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## Results Key:

JNL = Journal or Magazine CNF = Conference STD = Standard

### 1 Direct line spectral frequency adaptation in second order cascade sections

Beex, A.A.; Zakaria, G.;

Signals, Systems, and Computers, 1999. Conference Record of the Thirty-Third Asilomar Conference on , Volume: 1 , 24-27 Oct. 1999  
Pages:805 - 809 vol.1

[Abstract] [PDF Full-Text (272 KB)] IEEE CNF

### 2 Improvement of the restricted temporal decomposition method for line spectral frequency parameters

Phu Chien Nguyen; Akagi, M.;

Acoustics, Speech, and Signal Processing, 2002. Proceedings. (ICASSP '02). IEEE International Conference on , Volume: 1 , 13-17 May 2002  
Pages:1-265 - 1-268 vol.1

http://ieeexplore.ieee.org/search/searchresult.jsp?queryText=lsf+and+%28order\*+or+sequenc\*+or+arrang\*%29+and+filter\*%0D%... 1/9/04

[Abstract] [PDF Full-Text (348 KB)] IEEE CNF

### 3 Audio coding using a psychoacoustic pre- and post-filter

Edler, B.; Schuller, G.;

Acoustics, Speech, and Signal Processing, 2000. ICASSP '00. Proceedings. 2000 IEEE International Conference on , Volume: 2 , 5-9 June 2000  
Pages:II881 - II884 vol.2

[Abstract] [PDF Full-Text (356 KB)] IEEE CNF

### 4 MVDR based all-pole models for spectral coding of speech

Murthi, M.N.; Rao, B.D.;

Acoustics, Speech, and Signal Processing, 1999. ICASSP '99. Proceedings., 1999 IEEE International Conference on , Volume: 2 , 15-19 March 1999  
Pages:669 - 672 vol.2

[Abstract] [PDF Full-Text (356 KB)] IEEE CNF

### 5 A novel algorithm to estimate the line spectral frequencies from LPC coefficients

Nakhai, M.R.; Marvasti, F.A.;

Circuits and Systems, 1998. ISCAS '98. Proceedings of the 1998 IEEE International Symposium on , Volume: 4 , 31 May-3 June 1998  
Pages:198 - 201 vol.4

[Abstract] [PDF Full-Text (320 KB)] IEEE CNF

### 6 Acoustic segmentation using switching state Kalman filter

Yanli Zheng; Hasegawa-Johnson, M.;

Acoustics, Speech, and Signal Processing, 2003. Proceedings. (ICASSP '03). 2003 IEEE International Conference on , Volume: 1 , 6-10 April 2003  
Pages:I-752 - I-755 vol.1

[Abstract] [PDF Full-Text (296 KB)] IEEE CNF

### 7 The computation of line spectral frequency using the second Chebyshev polynomials

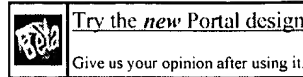
Yao Tianren; Xiang Juanjuan; Lu Wei;

Signal Processing, 2002 6th International Conference on , Volume: 1 , 26-30 Aug.

http://ieeexplore.ieee.org/search/searchresult.jsp?queryText=lsf+and+%28order\*+or+sequenc\*+or+arrang\*%29+and+filter\*%0D%... 1/9/04


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Results 1 - 13 of 13 short listing

- 1** Process migration 100%

**ACM Computing Surveys (CSUR)** September 2000  
 Volume 32 Issue 3  
 Process migration is the act of transferring a process between two machines. It enables dynamic load distribution, fault resilience, eased system administration, and data access locality. Despite these goals and ongoing research efforts, migration has not achieved widespread use. With the increasing deployment of distributed systems in general, and distributed operating systems in particular, process migration is again receiving more attention in both research and product development. As hi ...
- 2** On nearest-neighbor error-correcting output codes with application to all-pairs multiclass support 87%

vector machines  
 Aldebaro Klautau , Nikola Jevtić , Alon Orlitsky  
**The Journal of Machine Learning Research** September 2003  
 Volume 4  
 A common way of constructing a multiclass classifier is by combining the outputs of several binary ones, according to an error-correcting output code (ECOC) scheme. The combination is typically done via a simple nearest-neighbor rule that finds the class that is closest in some sense to the outputs of the binary classifiers. For these nearest-neighbor ECOCs, we improve existing bounds on the error rate of the multiclass classifier given the average binary distance. The new
- <http://portalpv.acm.org/results.cfm?coll=ACM&dl=ACM&CFID=15593612&CFTOKEN=96567994> 1/9/04
- Results Page 2 of 4
- bounds provide insight ...
- 3** An object-oriented database for the display measurement and analysis system 82%

Yihong Qian , Edward A. Fox , Willard W. Farley  
**Proceedings of the second international conference on Information and knowledge management** December 1993
- 4** Relating models of polymorphism 80%

J. Meseguer  
**Proceedings of the 16th ACM SIGPLAN-SIGACT symposium on Principles of programming languages** January 1989  
 A new general notion of model for the polymorphic lambda calculus based on the simple idea of a universe, is proposed. Although impossible in nonconstructive set theory, the notion is unproblematic for constructive sets, yields completeness and initiality theorems, and can be used to unify and relate many different notions of model that have been proposed in the literature, including those that extend the basic calculus with additional features such as fixpoints or a type o ...
- 5** Kernel korner: Inside the Linux packet filter 80%


Gianluca Insolubile  
**Linux Journal** February 2002  
 Volume 2002 Issue 94
- 6** Kernel korner: Linux socket filter: sniffing bytes over the network 80%

Patrick Th. Eugster  
**Linux Journal** June 2001  
 Volume 2001 Issue 86
- 7** Manageability, availability, and performance in porcupine: a highly scalable, cluster-based mail 80%

service  
 Yasushi Saito , Brian N. Bershad , Henry M. Levy  
**ACM Transactions on Computer Systems (TOCS)** August 2000  
 Volume 18 Issue 3  
 This paper describes the motivation, design and performance of Porcupine, a scalable mail server. The goal of Porcupine is to provide a highly available and scalable electronic mail service using a large cluster of commodity PCs. We designed Porcupine to be easy to manage by emphasizing dynamic load balancing, automatic configuration, and graceful degradation in the presence of failures. Key to the system's manageability, availability, and performance is that sessions, data, and underlying ...
- 8** An architecture and two new research problems in ARCS databases 77%


 Anindya Datta , Sharma Chakravarthy , Shiby Thomas , Igor R. Viguier  
**Proceedings of the workshop on on Databases: active and real-time** November 1996

**9** Posters: Non-invasive estimation of cerebral metabolic rate of glucose using simultaneous estimation and cluster analysis: a feasibility study 77%


 Koon-Pong Wong , Dagan Feng , Steven R. Meikle , Michael J. Fulham  
**Selected papers from the Pan-Sydney workshop on Visualisation - Volume 2** December 2000

Quantitative PET studies usually require invasive blood sampling from a peripheral artery to obtain an input function for accurate modelling. However, blood sampling is impractical in clinical PET studies. We recently proposed a non-invasive modelling approach that can simultaneously estimate parameters which describe both the input and output functions using two or more regions of interest (ROIs). However, this approach is still limited by manual delineation of ROIs which is subjective and time ...

**10** Kernel korner: Inside the Linux packet filter, part II 77%

 Gianluca Insolvibile  
**Linux Journal** March 2002  
 Volume 2002 Issue 95

**11** Eliminating array bound checking through dependent types 77%


 Hongwei Xi , Frank Pfenning  
**ACM SIGPLAN Notices , Proceedings of the ACM SIGPLAN 1998 conference on Programming language design and implementation** May 1998  
 Volume 33 Issue 5

We present a type-based approach to eliminating array bound checking and list tag checking by conservatively extending Standard ML with a restricted form of dependent types. This enables the programmer to capture more invariants through types while type-checking remains decidable in theory and can still be performed efficiently in practice. We illustrate our approach through concrete examples and present the result of our preliminary experiments which support support the feasibility and effectiv ...

**12** New contact measures for the protein docking problem 77%

 Hans-Peter Lenhof  
**Proceedings of the first annual international conference on Computational molecular biology** January 1997

**13** Document ranking on weight-partitioned signature files 77%

 Dik Kun Lee , Liming Ren  
**ACM Transactions on Information Systems (TOIS)** April 1996  
 Volume 14 Issue 2

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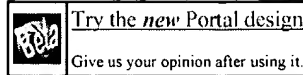
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A signature file organization, called the weight-partitioned signature file, for supporting document ranking is proposed. It employs multiple signature files, each of which corresponds to one term frequency, to represent terms with different term frequencies. Words with the same term frequency in a document are grouped together and hashed into the signature file corresponding to that term frequency. This eliminates the need to record the term frequency explicitly for each word. We investiga ...



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**Results 1 - 6 of 6** short listing

- 1 Developing and integrating enterprise components and services: Enterprise application integration and complex adaptive systems 84%  
 Jeff Sutherland , Willem-Jan van den Heuvel  
**Communications of the ACM** October 2002  
 Volume 45 Issue 10  
 Could system integration and cooperation be improved with agentified enterprise components?
- 2 The growth rate of vertex-transitive planar graphs 84%  
 László Babai  
**Proceedings of the eighth annual ACM-SIAM symposium on Discrete algorithms** January 1997
- 3 Phase change recording 80%  
 Henk van Houten , Wouter Leibbrandt  
**Communications of the ACM** November 2000  
 Volume 43 Issue 11

<http://portalpv.acm.org/results.cfm?coll=ACM&dl=ACM&CFID=15593612&CFTOKEN=96567994>

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Results

Page 2 of 2

- 4 The early history of COBOL 77%  
 Jean E. Sammet  
**The first ACM SIGPLAN conference on History of programming languages** January 1978  
 Volume 17 , 10 Issue 4 , 2  
 This paper discusses the early history of COBOL, starting with the May 1959 meeting in the Pentagon which established the Short Range Committee which defined the initial version of COBOL, and continuing through the creation of COBOL 61. The paper gives a detailed description of the committee activities leading to the publication of the first official version, namely COBOL 60. The major inputs to COBOL are discussed, and there is also a description of how and why some of the technical decisions...
- 5 Interactive simulation of biomechanical systems: The kinematics and stress of the human knee 77%  
 Frederic I. Parke , Mark Friedell  
**Proceedings of the 1978 annual conference - Volume 2** January 1978  
 The application of real-time shaded computer graphics to the visualization of certain biomechanical aspects of the human knee. The published work of various researchers in the biomechanics of the knee is incorporated into a computer model. Interactive techniques are utilized to visualize the dynamics and stress of the knee joint based on this biomechanical model.
- 6 POSE: a language for posing problems to a computer 77%  
 S. Schlesinger , L. Sashkin  
**Communications of the ACM** May 1967  
 Volume 10 Issue 5

**Results 1 - 6 of 6** short listing

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L Number	Hits	Search Text	DB	Time stamp
1	100	("5233659" "6487527" "4910483" "4845754" "5949820" "5963273" "6154017" "5787178" "4393272" "6233552" "4922539" "5187692" "5001715" "5038269" "5345507" "5901158" "5999959" "6049815" "5034911" "4945568" "5530720" "5854756" "4949281" "5485543" "6058360" "5404319" "4328555" "5590255" "5184316" "5001445" "4871948" "4967164" "5031132" "5426597" "5625325" "5856934" "6088397" "6275619" "5294998" "5504849" "5838156" "6018597" "6314327" "5465260" "4298981" "4597083" "4839896" "4841292" "4847801" "4851693").pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/09 08:26
3	6	202382.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/09 08:31
4	0	00202382.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/09 08:32
5	4	(enden and kathmann).in.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/09 08:32
2	1	09/897.365	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/09 09:58
6	26057	(recomput\$4 re adj comput\$4 (comput\$4 with again))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/09 09:59
7	286	(recomput\$4 re adj comput\$4 (comput\$4 with again) recalculat\$4 re adj calculat\$4 (calculat\$4 with again)) same polynomial	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/09 10:27
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Search History 1/9/04 1:30:25 PM Page 1  
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8	140	(recomput\$4 re adj comput\$4 (comput\$4 with again) recalculat\$4 re adj calculat\$4 (calculat\$4 with again)) with (LSP polynomial)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/09 10:27
10	20	((recomput\$4 re adj comput\$4 (comput\$4 with again) recalculat\$4 re adj calculat\$4 (calculat\$4 with again)) with (LSP polynomial)) and series with (two "2")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/09 10:02
11	79	((recomput\$4 re adj comput\$4 (comput\$4 with again) recalculat\$4 re adj calculat\$4 (calculat\$4 with again)) with (LSP polynomial)) and (order\$4 series success\$4 progress\$4 string run cycle) with (two "2")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/09 11:10
12	1	((recomput\$4 re adj comput\$4 (comput\$4 with again) recalculat\$4 re adj calculat\$4 (calculat\$4 with again)) with (LSP polynomial)) and (order\$4 series success\$4 progress\$4 string run cycle) with (two "2")) and (lsf linear adj spectral)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/09 10:04
13	65	((recomput\$4 re adj comput\$4 (comput\$4 with again) recalculat\$4 re adj calculat\$4 (calculat\$4 with again)) with (LSP polynomial)) and (order\$4 series success\$4 progress\$4 string run cycle) with (two "2")) and (reduc\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/09 10:06
14	27	((recomput\$4 re adj comput\$4 (comput\$4 with again) recalculat\$4 re adj calculat\$4 (calculat\$4 with again)) with (LSP polynomial)) and (order\$4 series success\$4 progress\$4 string run cycle) with (two "2")) and (reduc\$4 combin\$4) with polynomial	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/09 10:13
15	7	((recomput\$4 re adj comput\$4 (comput\$4 with again) recalculat\$4 re adj calculat\$4 (calculat\$4 with again)) with (LSP polynomial)) and (order\$4 series success\$4 progress\$4 string run cycle) with (two "2")) and (reduc\$4 combin\$4) with polynomial) and filter with coefficient	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/09 10:21
16	1	((recomput\$4 re adj comput\$4 (comput\$4 with again) recalculat\$4 re adj calculat\$4 (calculat\$4 with again)) with (LSP polynomial)) and (order\$4 series success\$4 progress\$4 string run cycle) with (two "2")) and (reduc\$4 combin\$4) with polynomial) and filter with coefficient ) and ((linear adj spectral spectral adj freqenc\$4 linear adj4 freq\$4) or LSF)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/09 10:22
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Search History 1/9/04 1:30:25 PM Page 2  
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27	9	((("5233659" "6487527" "4910483" "4845754" "5949820" "5963273" "6154017" "5787178" "4393272" "6233552" "4922539" "5187692" "5001715" "5038269" "5345507" "5901158" "5999959" "6049815" "5034911" "4945568" "5530720" "5854756" "4949281" "5485543" "6058360" "5404319" "4328555" "5590255" "5184316" "5001445" "4871948" "4967164" "5031132" "5426597" "5625325" "5856934" "6088397" "6275619" "5294998" "5504849" "5838156" "6018597" "6314327" "5465260" "4298981" "4597083" "4839896" "4841292" "4847801" "4851693").pn. ) and (order\$4 series success\$4 progress\$4 string run cycle) with (two "2") and (recomput\$4 re adj comput\$4 (comput\$4 with again) recalcu\$4 re adj calculat\$4 (calculat\$4 with again)) same polynomial	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/09 10:36
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30	5	((recomput\$4 re adj comput\$4 (comput\$4 with again) recalcu\$4 re adj calculat\$4 (calculat\$4 with again)) same polynomial) and ((linear adj4 spectral spectral adj4 freqenc\$4 linear adj4 freq\$4) or LSF)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/09 10:47
31	11	((US-4625286-\$ or US-5233659-\$ or US-6487527-\$ or US-5704001-\$ or US-6044343-\$ or US-6070136-\$ or US-6081776-\$ or US-6263307-\$ or US-6347297-\$ or US-5241692-\$ or US-6157907-\$).did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/09 11:10
32	8	((US-4625286-\$ or US-5233659-\$ or US-6487527-\$ or US-5704001-\$ or US-6044343-\$ or US-6070136-\$ or US-6081776-\$ or US-6263307-\$ or US-6347297-\$ or US-5241692-\$ or US-6157907-\$).did.) and (order\$4 series success\$4 progress\$4 string run cycle sort\$4) with (two pair doubl\$4 "2")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/09 11:11

Search History 1/9/04 1:30:25 PM Page 3  
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33	4	("4680796" "5291557").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/09 12:37
34	15	((US-4625286-\$ or US-5233659-\$ or US-6487527-\$ or US-5704001-\$ or US-6044343-\$ or US-6070136-\$ or US-6081776-\$ or US-6263307-\$ or US-6347297-\$ or US-5241692-\$ or US-6157907-\$ or US-4680796-\$ or US-5291557-\$).did. or (US-4680796-\$ or EP-664943-\$).did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/09 12:40
35	29	("4625286" "5233659" "6487527" "5704001" "6044343" "6070136" "6081776" "6263307" "6347297" "5241692" "6157907" "4680796" "5291557" "4680796" "664943").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/09 12:41